

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 866 | ((underneath or below) near14 (excavat\$3 or dig\$4 or shovel\$5)) same (pipe or pipeline) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 16:05 |
| L2 | 4318 | ((405/154.1) or (405/158) or (405/184.1) or (138/97-99) or (138/105) or (138/153) or (138/172) or (138/176) or (138/dig.5) or (138/172)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/07 16:00 |
| L3 | 0 | ("001and2").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/07 16:00 |
| L4 | 29 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 16:00 |
| L5 | 31 | 1 and (convey\$3 near4 (belt or cup)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 16:11 |
| L6 | 192 | 1 and (convey\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 16:12 |
| L7 | 10 | 6 and (405/4 or "414"/\$ or "138"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 16:13 |
| S1 | 140 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 12:11 |

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| S2 | 29 | ("2882488" "2980850" "3333432" "3429131" "3978679" "3995439" "4022028" "4258319" "4301606" "4389139" "4395158" "4479741" "4546316" "4586850" "4641092" "4714381" "4802793" "4880335" "4912799" "4936707" "5136969" "5182941" "5238331" "5321356" "5359748").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 14:08 |
| S3 | 13 | ("1263836" "3196042" "3228146" "3998201" "4044749" "4124015" "4229121" "4327703" "4425059" "4484559").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 14:10 |
| S4 | 871 | ((405/272) or (405/282-283)). CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 16:26 |
| S5 | 180 | S4 and pipe | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 16:26 |
| S6 | 12585 | (pipe or pipeline) near13 repair\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:35 |
| S7 | 13 | S4 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 16:30 |
| S8 | 590 | S6 and "405"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 16:31 |
| S9 | 11 | ("4091514" "4647073" "4934109" "5364207" "5430921" "5462077" "5613807" "5624206" "5913335" "5988689" "6267037").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 16:41 |

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| S10 | 865 | S6 same (excavat\$3 or dig\$4 or shovel\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 15:58 |
| S11 | 139 | S10 and trench\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 16:43 |
| S12 | 7 | ("3293867" "3578233" "3635183" "3785160" "3822558" "3835655").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 16:52 |
| S13 | 12 | ("4014180").URPN. | USPAT | OR | ON | 2004/12/06 16:54 |
| S14 | 0 | ("5662432").URPN. | USPAT | OR | ON | 2004/12/06 17:36 |
| S15 | 8 | ("4507019" "4647256" "4668125" "4724108" "4808032" "4930542" "5145282" "5316652").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 17:36 |
| S16 | 2 | ("5382115").URPN. | USPAT | OR | ON | 2004/12/06 17:59 |
| S17 | 12 | ("1520945" "1529084" "1690239" "1905643" "2931187" "4189253" "4408405").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 18:00 |
| S18 | 2 | ("5074712").URPN. | USPAT | OR | ON | 2004/12/06 18:15 |
| S19 | 8 | ("3508410" "3599436" "4019334" "4078832" "4441328" "4465310" "4863314").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 18:16 |
| S20 | 6 | S6 same (coffer or cofferdam) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:05 |
| S21 | 664 | S6 same (reinforc\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:06 |
| S22 | 40 | S21 and "405"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:14 |
| S23 | 171 | S21 and "138"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:16 |

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| S24 | 151 | S23 not S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:16 |
| S25 | 20 | ("0126624" "1737181" "2520802" "2616736" "2850045" "3043342" "3586057" "3642294" "3836183" "4057082" "4172472" "4391300" "4535822" "4756338").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 20:26 |
| S26 | 23387 | (pipe or pipeline) near13 reinforc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:47 |
| S27 | 9010 | ((pipe or pipeline) near13 (external or outside or outer)) same reinforc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:04 |
| S28 | 13 | S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:46 |
| S29 | 5998 | S26 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:47 |
| S30 | 267 | S29 and "405"/ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:48 |
| S31 | 213 | S29 and "405"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 20:50 |
| S32 | 678 | (138/99).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 20:50 |
| S33 | 14 | ("2924546" "2955642" "3358898" "3370998" "3531345" "4511626" "4559974" "4676276" "4700752").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 20:53 |

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| S34 | 17 | ("0164028" "0924262" "1693081" "2660200" "2898945" "3685545" "3914100" "3954288" "4535822" "4768813" "4790058" "5301983").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 20:57 |
| S35 | 2 | ("5797432").URPN. | USPAT | OR | ON | 2004/12/06 20:58 |
| S36 | 23 | ("2230287" "2691211" "2787051" "3144496" "3257714" "3308691" "3364555" "3685545" "3868101" "4098415" "4205407" "4205694" "4342338" "4535822" "4782577" "5012842").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 21:02 |
| S37 | 18 | ("3204417" "3267682" "3578233" "3657786" "3711938" "3732701" "3765185" "3780421" "3785160" "3844129" "4014180" "4028903" "4041720" "4076130" "4109480" "4133180").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 22:48 |
| S38 | 4 | ("4268190").URPN. | USPAT | OR | ON | 2004/12/06 22:50 |
| S39 | 13 | ("1263836" "3196042" "3228146" "3998201" "4044749" "4124015" "4229121" "4327703" "4425059" "4484559").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 22:51 |
| S40 | 7 | ("4880335").URPN. | USPAT | OR | ON | 2004/12/06 22:55 |
| S41 | 30 | ("2193971" "2359751" "2556116" "2869291" "3352062" "3898768" "3916469" "3994766" "4011690" "4036173" "4064293" "4181092" "4205694" "4509544" "4552594" "4563841" "4595607" "4603516" "4633623" "4677936" "4678998" "4704826" "4819388" "4953496" "5069234").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 22:56 |
| S42 | 9 | ("5136969").URPN. | USPAT | OR | ON | 2004/12/06 22:58 |

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| S43 | 29 | ("2882488" "2980850" "3333432" "3429131" "3978679" "3995439" "4022028" "4258319" "4301606" "4389139" "4395158" "4479741" "4546316" "4586850" "4641092" "4714381" "4802793" "4880335" "4912799" "4936707" "5136969" "5182941" "5238331" "5321356" "5359748").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 22:59 |
| S44 | 0 | ("5626438").URPN. | USPAT | OR | ON | 2004/12/06 23:03 |
| S45 | 130 | (138/176).CCLS. | USPAT | OR | OFF | 2004/12/06 23:09 |
| S46 | 4 | (138/176).CCLS. | US-PGPUB; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 23:10 |
| S47 | 39 | (138/dig.5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 23:10 |
| S48 | 39 | (138/dig.5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 23:13 |
| S49 | 241 | (138/105).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 23:13 |
| S50 | 37 | S49 and reinforc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 23:16 |
| S51 | 204 | S49 not S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 23:16 |
| S52 | 140 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/06 23:42 |
| S53 | 7757 | ((pipe or pipeline) near13 reinform\$5) same (external or outside or outer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:14 |

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| S54 | 11076 | S27 or S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:10 |
| S55 | 430 | S6 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 23:55 |
| S56 | 41 | S55 and trench | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/06 23:55 |
| S57 | 4258 | ((405/154.1) or (405/158) or (138/97-99) or (138/105) or (138/153) or (138/172) or (138/176) or (138/dig.5)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/07 00:14 |
| S59 | 854296 | "57" and "54" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:13 |
| S60 | 4258 | ((405/154.1) or (405/158) or (138/97-99) or (138/105) or (138/153) or (138/172) or (138/176) or (138/dig.5)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/07 13:07 |
| S61 | 9010 | ((pipe or pipeline) near13 (external or outside or outer)) same reinforc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:14 |
| S62 | 7757 | ((pipe or pipeline) near13 reinforc\$5) same (external or outside or outer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:03 |
| S63 | 11076 | S61 or S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:14 |
| S64 | 263 | S60 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:15 |

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| S65 | 12585 | (pipe or pipeline) near13 repair\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:31 |
| S67 | 12500 | (pipe or pipeline) near13 repair\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 00:35 |
| S68 | 12588 | (pipe or pipeline) near13 repair\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:03 |
| S69 | 12594 | (pipe or pipeline) near13 repair\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:03 |
| S70 | 7764 | ((pipe or pipeline) near13 reinforc\$5) same (external or outside or outer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:07 |
| S71 | 9019 | ((pipe or pipeline) near13 (external or outside or outer)) same reinforc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:04 |
| S72 | 4258 | ((405/154.1) or (405/158) or (138/97-99) or (138/105) or (138/153) or (138/172) or (138/176) or (138/dig.5) or (138/172)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/07 16:00 |
| S73 | 11086 | S70 or S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:08 |
| S74 | 97 | S69 and S72 and S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:36 |
| S75 | 213 | demolishing near5 (building or dome) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:21 |

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| S76 | 762 | building with demolition | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:22 |
| S77 | 620 | building near4 demolition | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:22 |
| S78 | 3 | S77 and dome | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/07 13:22 |
| S79 | 1 | ("4700752").PN. | USPAT | OR | OFF | 2004/12/07 13:36 |
| S80 | 2 | ((("5683529") or ("5677046"))).PN. | USPAT | OR | OFF | 2004/12/07 13:37 |